GUAM ENVIRONMENTAL PROTECTION AGENCY

AHENSIAN PRUTEKSION LINA'LA GUAHAN

Air Pollution Control Permit Application

Emissions Unit Description for Fuel Combustion Sources
(Form EUDFC)

Instructions: Complete one copy of this form for <u>each</u> emissions unit best described as a fuel combusting unit. This form is designed to describe emissions units that combust solid or liquid fuels, such as boilers, steam generators, electric generating plants, stationary internal combustion engines, gas turbines, and other commercial and domestic fuel combustion unit.

A. General Information

Emissions unit ID_____Description_____SIC code (4-digit)_____

B. Emissions Unit Description

Primary Use _____ Manufacturer_____

Model_____ Serial Number _____

Installation date ____/____/____

For Boilers: ‘ Industrial Boiler ‘ Process Burner ‘ Electric Utility Boiler

‘ Other (describe) _____

Boiler horsepower rating_____ Boiler steam flow (lb/hr)_____

For All Sources: Actual (average) heat input _____MM BTU/hr

Maximum design heat input _____MM BTU/hr

Provide the following information on the Equipment Specifications, which ever applicable:

1. **Maximum design capacity**
2. **Fuel type (See Item D, below)**
3. **Fuel use (See Item E, below)**
4. **Production capacity**
5. **Production rates**
6. **Raw materials**

Also provide any manufacturer's literature.

C. Operating Schedules:

1. **Total Hours/Day :** _____
2. **Total Hours/Week:** _____
3. **Total Hours/Month:** _____
4. **Total Hours/Year:** _____
5. **If operation is seasonal or irregular, describe.**
6. **Provide any other information on current operational limitations or work practices, or for sources that have not yet begun operation, such limitations or practices which the owner or operator plans to implement that affect emissions of any regulated or hazardous air pollutants of the emission unit.**

D. Fuel Data

Instructions: Describe each fuel expected to be used during the term of the permit. State if the fuel is a primary fuel (used during a majority of operating hours), or a standby fuel.

Fuel Type (e.g. diesel fuel No. 2, natural gas, etc.)	Primary/Secondary	Max Sulfur (%)	Max Ash (%)	BTU Value

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E. Fuel Usage Rates

Instructions: For each fuel described above, enter actual and maximum fuel usage rates on a worst-case hourly and annual basis. Indicate the units for the fuel usage rate (e.g. gallons, cords, cubic feet).

Fuel Type (e.g. diesel fuel No. 2, natural gas, etc.)	Annual Actual Usage	Maximum Usage	
		Hourly	Annual

F. Applicable Requirements

Instructions: List the specific applicable requirement(s) that apply to this emissions unit. Do not list generic applicable requirements on this form. Include a citation to the requirement and a brief description of the standards, limitation and other requirements imposed by the applicable requirement.

Applicable Requirement	Citation	Text Description of Requirement

Furthermore, include the following:

1. **Description of or reference to any applicable test methods for determining compliance with each applicable requirement.**
2. **Explanation of all proposed exemptions from any applicable requirements.**

G. Air Pollution Control Equipment

Identify and describe in detail all air pollution control equipment.

Device type_____Manufacturer_____

Model Number_____ Serial Number_____Installation Date ____/____/____

Air pollutant(s) controlled_____ Control efficiency (%)_____

Efficiency estimation method_____

H. Ambient Impact Assessment Information

Instructions: This information must be completed when an ambient impact assessment is an applicable requirement for this emission unit. List units used.

Stack height _____ Inside diameter _____ Stack temperature_____

Design stack flow rate (ACFM)_____.____

Operating range of stack flow rate or velocity (ACFM or ft/sec) _____.____

I. Identification and Quantification of Emissions

List all air pollutants, regulated and hazardous, for which the unit is to emit. Next, calculate potential to emit and actual emissions. Include all fugitive emissions when calculating actual emissions. At a minimum, round to the nearest ton for yearly values or pounds for hourly values. Provide calculations and assumptions that illustrates the methodology used. See instructions for more details on how to complete this form.

Pollutant	CAS Number	Actual Annual Emissions Before Controls (tons/yr)	Actual Annual Emissions After Controls (tons/yr)	Potential to Emit (before controls)		Potential to Emit (after controls)	
				Hourly (lb/hr)	Annual (tons/year)	Hourly (lb/hr)	Annual (tons/yr)